Abstract of the Disclosure

A system and method forward data between processing elements. A first processing element includes an address register that stores a first memory address. A forwarding storage element is coupled to the first processing element. A second processing element, coupled to the forwarding storage element, transmits a second memory address to the forwarding storage element. The forwarding storage transmits the second memory address to the first processing element, and the first processing element compares the second memory address with the first memory address.

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